



# The City of College Station, Texas

*Embracing the Past, Exploring the Future.*

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P.O. Box 9960 • 1101 Texas Avenue • College Station, TX 77842 • (979) 764-3500  
[www.ci.college-station.tx.us](http://www.ci.college-station.tx.us)

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April 10, 2001

Federal Emergency Management Agency  
USFA Grant Program Technical Assistance Center  
16825 South Seton Avenue  
Emmitsburg, MD 21727-8898

Dear Sir or Madam:

On behalf of the College Station, Texas, Fire Department, I am pleased to submit the enclosed application for consideration by FEMA for the Assistance to Firefighters Grant Program.

The fire service as a whole is indebted to our dedicated legislators who made this historic and greatly needed program available.

Should there be any need for further information or clarification of any information submitted, please do not hesitate to contact me at the numbers above or by email at *dgiordano@ci.college-station.tx.us*.

Sincerely,

David K. Giordano  
Fire Chief  
College Station Fire Department

# APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0348-0043

<b>1. TYPE OF SUBMISSION:</b> Application <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		<b>2. DATE SUBMITTED</b> April 27, 2001	Applicant Identifier <div style="border: 1px solid black; width: 100px; height: 20px; text-align: center; line-height: 20px;">1</div>
		<b>3. DATE RECEIVED BY STATE</b>	State Application Identifier
<b>4. DATE RECEIVED BY FEDERAL AGENCY</b>		Federal Identifier	
<b>5. APPLICANT INFORMATION</b>			
Legal Name: College Station Fire Department		Organizational Unit:	
Address (give city, county, State, and zip code): 1207 Texas Ave. S. College Station, TX 77840-2434		Name and telephone number of person to be contacted on matters involving this application (give area code)	
<b>5. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> <div style="border: 1px solid black; padding: 2px;">74-60005314</div>		<b>7. TYPE OF APPLICANT: (enter appropriate letter in box)</b> <div style="text-align: right; border: 1px solid black; width: 30px; height: 20px; float: right;">N</div> <div style="clear: both;"></div> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">             A. State              B. County              C. Municipal              D. Township              E. Interstate              F. Intermunicipal              G. Special District           </div> <div style="width: 50%;">             H. Independent School Dist.              I. State Controlled Institution of Higher Learning              J. Private University              K. Indian Tribe              L. Individual              M. Profit Organization              N. Other (Specify) <u>Department</u> </div> </div>	
<b>B. TYPE OF APPLICATION:</b> <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> New           <input type="checkbox"/> Continuation           <input type="checkbox"/> Revision         </div> If Revision, enter appropriate letter(s) in box(es) <div style="display: inline-block; width: 30px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 30px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> A. Increase Award    B. Decrease Award    C. Increase Duration D. Decrease Duration    Other(specify): _____		<b>9. NAME OF FEDERAL AGENCY:</b>	
<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> </div> - <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>			

# APPLICATION FOR FEDERAL ASSISTANCE

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<b>6. EMPLOYER IDENTIFICATION NUMBER (EIN):</b> <div style="border: 1px solid black; padding: 2px;">             74-6000534           </div>		<b>7. TYPE OF APPLICANT: (enter appropriate letter in box)</b> <div style="display: flex; justify-content: space-between;"> <div>             A. State              B. County              C. Municipal              D. Township              E. Interstate              F. Intermunicipal              G. Special District           </div> <div>             H. Independent School Dist.              I. State Controlled Institution of Higher Learning              J. Private University              K. Indian Tribe              L. Individual              M. Profit Organization              N. Other (Specify) <u>Fire Department</u> </div> </div>	
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<b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b> <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <span style="border: 1px solid black; padding: 0 5px;">  </span> - <span style="border: 1px solid black; padding: 0 5px;">  </span> </div>		<b>II. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b>	
<b>12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):</b> City of College Station, Brazos, Cnty			
<b>13. PROPOSED PROJECT</b>		<b>14. CONGRESSIONAL DISTRICTS OF:</b>	
Start Date	Ending Date	a. Applicant Texas 5th District	b. Project Texas 5th District
<b>15. ESTIMATED FUNDING:</b>		<b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b>	
a. Federal	\$ 68,950.00	a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON:  DATE _____  b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW	
b. Applicant	\$ 29,550.00		
c. State	\$ .00		
d. Local	\$ .00		
e. Other	\$ .00		
f. Program Income	\$ .00	<b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b> <input type="checkbox"/> Yes If "Yes," attach an explanation. <input checked="" type="checkbox"/> No	
g. TOTAL	\$ 98,500.00		
<b>18. TO THE BEST OF MY KNOWLEDGE AND BELIEF. ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.</b>			
a. Type Name of Authorized Representative David Giordano		b. Title Fire Chief	c. Telephone Number (979) 764-3705
d. Signature of Authorized Representative		e. Date Signed April 27, 2001	

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
BUDGET INFORMATION--NONCONSTRUCTION PROGRAMS**

See reverse for Paperwork  
Burden Disclosure Notice

Page 1 of 4 pages

OMB No. 3067-0206  
Expires September 30, 2004

PROGRAM AGENCY AND ORGANIZATION ELEMENT TO WHICH REPORT IS SUBMITTED		2. FEDERAL GRANT OR OTHER IDENTIFYING NUMBER ASSIGNED		3. RECIPIENT ORGANIZATION (Name and complete address, including zip code) College Station Fire Department 1207 Texas Ave. S. College Station, TX 77840-2434	
EMPLOYER IDENTIFICATION  74-6000534		5. RECIPIENT ACCOUNT NUMBER OR I.D. NO.		6. BUDGET PERIOD (Month, Day, Year) Beginning Date: Ending Date:	
				7. Mark "X" in Appropriate Box <input type="checkbox"/> New Budget <input type="checkbox"/> Revised Budget. Enter Grant Number in Box 2 above Date of Budget Revision:	
FEDERAL RATE SHARING (%) →		70/30 %	70/30 %		Total
PROGRAM ACRONYM →		Fire	Personal		
CFDA NUMBER →		Prevention	Protective Equip.		
Object Class	a. Personnel	14,000.00			
	b. Fringe Benefits	2,100.00			
	c. Travel	2,000.00			
	d. Equipment	18,000.00	98,500.00		
	e. Supplies	16,757.00			
	f. Contractual				
	g. Construction				
	h. Other				
	i. Total Direct Charges (10a to 10h)				
	j. Indirect Charges				
k. Total (Sum of 10i & 10j)		52,857.00			
Source	l. Federal Share	37,000.00	68,950.00		
	<b>Non-Federal Resources:</b>				
	m. Applicant	15,857.00	29,550.00		
	n. State				
	o. Local				
	p. Other Sources				
q. Total (Sum of 10l to 10p)		52,857.00	98,500.00		
Income	r. Program Income				
Indirect cost	s. Detail on Indirect Cost Type of Rate (mark "X" in one box) <input type="checkbox"/> Provisional-Final <input type="checkbox"/> Predetermined <input type="checkbox"/> Fixed with Carry-Forward				
	Rate: % Total Amount of indirect Cost: _____ Base: _____				
Signature of Authorizing Official		12. Name and Title (Type or print) David Giordano, Chief		13. Telephone Number (Area code, Number and Extension) (979) 764-3705	
				Date Report Submitted April 27, 2001	

FEDERAL EMERGENCY MANAGEMENT AGENCY  
SUMMARY SHEET FOR ASSURANCES AND CERTIFICATIONS

OMB No. 3067-02006  
Expires February 28, 1999

FOR  
Y

CA FOR (Name of State)

2001

College Station Fire Department

This summary sheet includes Assurances and Certifications that must be read, signed, and submitted as a part of the application for Federal Assistance.

An applicant must check each item that they are certifying to:

Part I ☒ FEMA Form 20-16A, Assurances-Nonconstruction Programs

Part II ☐ FEMA Form 20-16B, Assurances-Construction Programs

Part III ☒ FEMA Form 20-16C, Certifications Regarding Lobbying;  
Debarment, Suspension, and Other Responsibility  
Matters; and Drug-Free Workplace Requirements

Part IV ☒ SF LLL, Disclosure of Lobbying Activities (If applicable)

I, the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the identified attached assurances and certifications.

David Giordano

Typed Name of Authorized Representative

Fire Chief

Title

April 16, 2001

Signature of Authorized Representative

Date Signed

NOTE: By signing the certification regarding debarment, suspension, and other responsibility matters for primary covered transaction, the applicant agrees that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by FEMA entering into this transaction.

The applicant further agrees by submitting this application that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the FEMA Regional Office entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. (Refer to 44 CFR Part 17.)

Paperwork Burden Disclosure Notice

Public reporting burden for this form is estimated to average 1.7 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing, reviewing, and maintaining the data needed, and completing and submitting the form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472."

## General Questions for All Applicants

Questions, page 1 of 2	For FEMA Use Only
<p>1. Are you a Fire Department or the authorized representative of a fire department? (circle one)</p> <p style="margin-left: 40px;"> <input checked="" type="radio"/> a) Yes.  <input type="radio"/> b) No.         </p>	
<p>2. Are you a Federal Fire Department or contracted by the Federal government and solely responsible for suppression of fires on Federal property?</p> <p style="margin-left: 40px;"> <input type="radio"/> a) Yes.  <input checked="" type="radio"/> b) No.         </p>	
<p>3. Is your active firefighting staff (circle one):</p> <p style="margin-left: 40px;"> <input checked="" type="radio"/> a) all paid/career?  <input type="radio"/> b) all volunteer or combination volunteer and career?         </p>	
<p>4. Is your department located in (circle one):</p> <p style="margin-left: 40px;"> <input type="radio"/> a) an urban community              (population over 250,000)?  <input checked="" type="radio"/> b) a suburban community              (population between 20,000 and 250,000)?  <input type="radio"/> c) a rural community              (population under 20,000)?         </p>	
<p>5. How many active firefighters are in the operations/-EMS divisions of you department?</p> <p style="margin-left: 40px;"> <u>77</u> = Number of active firefighters.         </p>	

## General Questions for All Applicants

Questions, page 2 of 2	For FEMA Use Only
<p>What is the permanent resident population of your primary/first-response area or jurisdiction served?</p> <p><b><u>67,890</u></b> = Population of response area.</p>	
<p>What category (or categories) of assistance are you applying for with this application and how much is the total Federal share of the cost of the project that you are seeking in each category?</p> <p>Category #1: <b>Fire Prevention</b>     \$ <b>37,000</b></p> <p>Category #2: <b>PPE</b>     \$ <b>68,950</b></p>	
<p>8. If the population you protect is 50,000 or less, you are required to provide a non-Federal cost-share equal to 10 percent of the total project cost. If the population you protect is over 50,000, you are required to provide a non-Federal cost-share equal to 30 percent of the total project cost. Are you willing to comply with this requirement? (circle one)</p> <p><input checked="" type="radio"/> a) Yes. b) No.</p>	
<p>It is also a requirement that departments receiving funding under this grant program agree to provide information to the national fire incident reporting system (NFIRS). If you receive an award, do you agree to provide information to this national system? (circle one)</p> <p><input checked="" type="radio"/> a) Yes. b) No.</p>	

## Questions for Fire Prevention Programs

Questions, page 1 of 2	For FEMA Use Only
<p>1. In what areas do you plan on using these fire prevention grant funds (circle the answer where the bulk of the funding will be spent):</p> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> a) Public education programs.</li> <li>b) Purchase and installation of residential/public detection and suppression systems.</li> <li>c) Development/enforcement of codes.</li> <li>d) Public information materials.</li> <li>e) Presentation aids and equipment.</li> <li>f) Other, specify = _____</li> </ul>	
<p>2. Does your department currently have a fire prevention program or plan? (circle one)</p> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> a) Yes.</li> <li>b) No.</li> </ul>	
<p>3. The grant will (circle one):</p> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> a) Establish a new program.</li> <li>b) Expand an existing program into new areas.</li> <li>c) Augment an existing fire prevention program.</li> </ul>	
<p>4. Will this program establish a multi-organizational partnership with other groups in your community? (circle one)</p> <ul style="list-style-type: none"> <li>a) No.</li> <li><input checked="" type="radio"/> b) Yes, specify = <u>MHMR</u></li> </ul> <p><u>Brazos Valley Apt. Managers Assoc.</u></p>	



## Questions for Fire Prevention Programs

Questions, page 2 of 2	For FEMA Use Only
<p>5. Who is the target audience of the planned program? (circle one)</p> <p><input checked="" type="radio"/> a) USFA target:</p> <p style="padding-left: 40px;">&gt;Children under 14</p> <p style="padding-left: 40px;">&gt;Adults over 65</p> <p style="padding-left: 40px;">&gt;Firefighters</p> <p>b) Other high risk group (i.e., local target group).</p>	
<p>6. How long will the program be sustained after the grant period? (circle one)</p> <p>a) Less than one year.</p> <p>b) Two to five years.</p> <p><input checked="" type="radio"/> c) More than five years.</p>	
<p>7. Will your department periodically evaluate the program's impact on the community? (circle one)</p> <p>a) No.</p> <p><input checked="" type="radio"/> b) Yes, specify = <u>ANNUALLY</u></p>	

## Suggested Format for the Assistance to Firefighters Grants Program's Project Narrative

**Instructions:** Please be sure that your narrative addresses each of the following areas to the best of your ability. Your narrative should be concise, but brief. If you need more room than has been allotted for your answer, please use the back of the suggested form or fee/ free to attach more sheets. Your narrative may not exceed a maximum of five pages including this form. The project narrative must be double spaced.

**Applicant Name:**

College Station Fire Dept.

**Category:**

Fire Prevention

**Please describe in full the project that you are requesting to be funded.**

The College Station Fire Dept. requests a \$37,000 grant from the Federal Emergency Management Agency to initiate a first time "Residential Fire Detection and Suppression" program. Please see attached sheets.

**Please provide a detailed description of your planned uses of the grant funds for each major budget category as listed on the budget form (SF 20-20).**

Grant funds will be used to supply some of the new costs associated with the "Residential Fire Detection and Suppression" program including personnel, fringe benefits, travel equipment, supplies and construction. Please see attached sheets.

**Please explain why this program would be beneficial to your community and/or to your department.**

The "Residential Fire Detection and Suppression" program would be College Station's first effort to target high-risk audiences and to provide them with fire detection systems. Please see attached sheets.

**Please explain why this project cannot be funded solely through local funding.**

The College Station Fire Dept. has just invested in a civilian Public Educator for the first time in FY2000. Although this is a very positive step, additional education funding will not be available for many years. Please see attached sheets.

**Please provide any additional relevant information that you would like us to consider when evaluating your application.**

College Station is home to Texas A&M University and the National Emergency Training Center. Although we are visited by firefighters from all over the world, our Fire Prevention Programs are not exemplary models at this time. Please see attached sheets.

# ASSISTANCE TO FIREFIGHTERS GRANT'S PROGRAM

## PROJECT NARRATIVE

**Applicant Name:** College Station Fire Department

**Category:** Fire Prevention

**Please describe in full the project that you are requesting to be funded.**

The College Station Fire Department requests a \$37,000 grant from the Federal Emergency Management Agency to expand our existing Fire Prevention program. The College Station Fire Department will match this request with \$15,857.

Specifically, we are proposing to initiate a first time "Residential Fire Detection and Suppression" program. We propose a comprehensive program that includes the following: Demonstration of the dangers of fire and smoke inhalation; Demonstration of how a smoke detection system works in the home; Demonstration of how a suppression system works in the home; Purchase and distribution of smoke detectors to high-risk audiences through Community Partners.

According to the 2000 Census, College Station has over 67,890 residents. Additionally, as the home of Texas A&M University, College Station hosts over 45,000 college students on campus every day and a daily work force in excess of 10,000 people. The College Station Fire Department faces many challenges for the future delivery of services to our citizens. Even though no major annexation is anticipated for several years, investment in undeveloped areas and unparalleled growth is placing greater safety demands on the Fire Department.

**Target Audiences - Who**

The College Station Fire Department has selected several audiences at higher risk for structure fires based on our own structure fire statistics, free/reduced lunch programs and Community Development Block Grant statistics. The following high-risk audiences have been targeted for this new program.

**High-Risk Audience**

Elementary students on free/ reduced meals

Head Start Preschoolers

MHMR Residents

Seniors over 65 years

Texas A&M Foreign Students

Texas A&M University Students at large

**Method of Contact/Community partner**

C.S. School District/Kids Club program

Head Start Advisory Board

MHMR Counselors, Teachers

Parks & Recreation Senior Programs

Churches, International Student Ass.

Texas A&M/Apartment Managers

Additionally, the program will target the Brazos Valley Apartment Managers Association, homebuilders and realtors to encourage the inclusion of Home Fire Sprinkler Systems in new residential construction/remodeling and the installation of Fire Extinguishers throughout the home. Our goal is to contact approximately 4,000 new program participants and to coordinate the installation of more than 2,000 smoke detectors/year. In addition to FEMA grant funds, we will be seeking in-kind donations of smoke detectors from Hardware stores and insurance firms.

### **Timeline -How and When**

**June -September 2001** – Pre Grant Preparation: Meetings with Community Partner Contact Representatives of each of the identified audiences to assess their participants fire risk. Travel to other model fire departments to observe their Smoke Detector Programs in action.

**October 2001** – Phase I: Contact with each of the Target Audiences would begin with a pre-test, classroom fire safety program and then the use of a Fire Safety Trailer House. A Fire Safety House Trailer will allow us to be available either at any of our neighborhood fire stations or the chosen location of our target audiences. We would use the Fire-Safety House with the above audiences to demonstrate actual smoke in a house, how to exit the house in quick manner and most importantly the need for a working smoke detection system. Additionally, we would demonstrate the benefits of residential suppression system through a Home Fire Sprinkler demonstration module and Fire Extinguisher demonstrations for adults.

**November 2001 – April 2002** Schedule and implement Fire Safety Class and Fire Safety House Trailer demonstration with all target audience groups. Provide a “Fire Safety Knowledge Post-test” to each target audience participant.

**May 2002** – Fire Prevention Inspectors of the College Station Fire Department will provide each Community Partner Contact representative with a training workshop on how to perform a Home Fire Safety inspection and how to install smoke detectors. By training Community Partner Contacts to install Smoke Detectors, we expand our ability to contact more citizens and we broaden our fire detection efforts in the community. Community Partners will help to administer the Post-test.

**June – July 2002** Implementation of all Home Fire Safety Inspections by Community Partners. Community Partner Contacts would then perform a Home Fire Safety Inspection sheet for each participant in their group and finally provide a request form to the fire department including a home fire escape plan and how many new smoke detectors are needed in the residence.

**August 2002** Installation of more than 2,000 Smoke Detectors by Community Partner contacts. We will be seeking in-kind donations of smoke detectors to broaden our impact.

**September 2002** After, the Community Partner Contacts have installed the Smoke Detectors; College Station Firefighters would do a final check to ensure the proper installation.

**October 2002** The program will be statistically analyzed for 5 years through record-keeping of smoke detector installations and target audience questionnaires. The program will make any changes based on evaluation feedback and begin again with new participants.

**Please provide a detailed description of your planned uses of the grant funds for each major budget category as listed on the budget form (SF20-20).**

**Personnel** (\$4,000) If funded, overtime salaries for firefighters would be allocated to help do household visits after smoke detectors have been installed.

**Fringe Benefits** (\$600) Fringe Benefits for Overtime Firefighters are 15%.

**Travel** (\$2,000) These funds will allow the College Station Fire Department to travel to other model cities and observe both Smoke Detector installation programs and Home Fire Sprinkler education programs.

**Equipment (\$18,000)** Purchase of a Fire Safety Trailer would allow the simulation of smoke in the home and the demonstration of the importance of smoke detector systems in the home.

**Supplies (\$10,000)** Purchase of 2,000 smoke detectors at a reduced cost (\$5.00 each) by Lowes Home Improvement Store. This would help to ensure the fire safety of 2000 additional families in College Station.

**Construction** (\$2,400) Funding would be used to build a home fire sprinkler simulation.

**Please explain why this program would be beneficial to your community and/or to your**

**department.** The “Residential Fire Detection and Suppression” program would be College Station’s first effort to target high-risk audiences and to provide them with Fire Detection/Suppression systems. On a short-term basis, FEMA grant funding would allow us to provide smoke detectors to a minimum of 2,000 families in year one. On a long-term basis, FEMA grant funding will provide the initial investment for the College Station Fire Department to re-define its educational priorities, so that the “**Residential Fire Detection and Suppression**” program becomes a permanent program of the Fire Prevention division. Additionally, by establishing Community Partnerships with our Target Audiences we are creating a program that can be easily expandable each year and possibly even replicated in other communities.

**Please explain why this project cannot be funded solely through local funding.** The College Station Fire Department has just completed an updated Fire Protection Master Plan. This Master Plan has been adopted by the City Council and will serve as the guiding tool for all major budgetary decisions regarding the Fire Department for the next 12 years. Unfortunately, the need for additional fire stations, apparatus, and firefighters are so great, that the Master Plan strictly focuses on these needs. Additional major funding requests for educational programs are not planned for the next 12 years.

**Please provide any additional relevant information that you would like us to consider when evaluating your application.** The College Station Fire Department has a 10 year old Fire Safety Trailer that is no longer able to travel to off-site locations due to it being overweight for its trailer size according to the Department of Public Safety. This trailer was built as a donation by Texas A&M Building Construction students. The College Station Fire Department would like to be able to provide this sort of program resource to our community, but to do it in a safe manner.

The College Station Fire Department just completed its first ever Citizen's Fire Academy in 2000. The graduates of this academy have formed an Alumni Association and they are currently applying for their tax exempt status. The Citizens Fire Academy Alumni Association intends on fundraising both for its own needs as well as needs of the Fire Department. When the Alumni has established their fundraising status and goals in 2002, the College Station Fire Department will be requesting that the Alumni support fundraising for all future smoke detector needs. This would allow the CSFD to be able to sustain the new "Residential Detection and Suppression" program, beyond a FEMA grant.

College Station is home to Texas A&M University, one of the fifth-largest universities in the United States. With this honor, also comes a great deal of risk. Over 70% of these University students live "off-campus." Many of these students are living away from home for the first time. The majority of our past structure fires have resulted from these students not being aware of fire safe practices and the need for working detection systems. Additionally, many of these students are foreign students and are doubly unaware of the need for detection systems. College Station is also home to the Brayton Fire Training School and the National Emergency Training Center, both functions of Texas A&M University. Our relationship with these two training centers allows College Station to host firefighters from all over the world. Many of these firefighters visit the College Station Fire Department as part of their stay here. We can serve as a role model internationally for these visiting fire departments by providing an outstanding and innovative "Residential Fire Detection and Suppression" program!

## Questions for Personal Protective Equipment Category

Questions	For FEMA Use Only
<p>1. What percentage of your active firefighting staff has personal protective equipment that meets current NFPA and OSHA standards?</p> <p><u>100</u> percentage with PPE.</p>	
<p>2. What percentage of your active firefighting staff will have personal protective equipment that meets current NFPA and OSHA standards if this grant is awarded?</p> <p><u>100</u> percentage that will have PPE.</p>	
<p>3. The purpose of this grant is to (circle one):</p> <p style="margin-left: 40px;">a) Equip firefighting staff for the first time.</p> <p style="margin-left: 40px;"><b>b</b> Replace obsolete or sub-standard equipment.</p> <p style="margin-left: 40px;">c) Equip staff for a new mission.</p>	

**Suggested Format for the  
Assistance to Firefighters Grants Program's  
Project Narrative**

**Instructions:** Please be sure that your narrative addresses each of the following areas to the best of your ability. Your narrative should be concise, but brief. If you need more room than has been allotted for your answer, please use the back of the suggested form or fee/ free to attach more sheets. Your narrative may **not** exceed a maximum of **five** pages including this form. The project narrative must be double spaced.

**Applicant Name:**

College Station Fire Dept.

**Category:**

Personal Protective Equipment

***Please describe in full the project that you are requesting to be funded.***

Certain updates need to be made to the department's self-contained breathing apparatus program, such as extended duration units for hazardous materials response and the purchase of a portable cascade system. Please see the attached information.

***Please provide a detailed description of your planned uses of the grant funds for each major budget category as listed on the budget form (SF 20-20).***

All grant funds will be direct charges for equipment. Please see attached information.

***Please explain why this program would be beneficial to your community and/or to your department.***

This program will enhance firefighter safety and allow for more sustained operations in IDLH atmospheres. Please see attached information.

***Please explain why this project cannot be funded solely through local funding.***

Fiscal constraints placed upon the city administration by the local citizenry dictate that funding for a project such as this will not be available.

***Please provide any additional relevant information that you would like us to consider when evaluating your application.***

This program will impact all residents of Brazos and surrounding counties. Please see attached information.



# ASSISTANCE TO FIREFIGHTERS GRANT'S PROGRAM

## PROJECT NARRATIVE

**Applicant Name:** College Station Fire Department

**Category:** Personal Protective Equipment

*Please describe in full the project that you are requesting to be funded.*

Certain enhancements and upgrades are needed to the department's self-contained breathing apparatus program. Because of the department's role as the primary hazardous materials emergency response provider for all of Brazos County, the addition of extended duration SCBA and a portable cascade system is necessary. We have been using the current model of breathing apparatus for over twenty years and need to modernize the units to enhance the safety of our firefighters.

*Please provide a detailed description of your planned uses of the grant funds for each major budget category as listed on the budget form (SF 20-20).*

All grant funds will be direct charges for equipment.

Four sixty-minute duration self-contained breathing apparatus, with spare cylinders, will be purchased at a cost of \$16,000. Under mandates in the Occupational Safety and Health Administration, Texas Commission of Fire Protection, and Texas Natural Resource Conservation Commission hazardous materials emergency response guidelines, we are required to implement a "Rapid Intervention Team" when responding to a Hazardous Materials Incident. This team is to be in the same level of protection as the "Entry Team." We do not currently have the ability to meet these standards.

A portable air cascade system will be purchased at a cost of \$8,500. During a major fire or Hazardous materials incident we are required to have a person in a pick-up truck shuttle air cylinders back and forth between the scene and Fire Station Three to fill the air cylinders and return them to the scene for use by suppression personnel. This cascade trailer would allow a portable air supply to be brought to the scene and air cylinders refilled on site. This program will insure there is no time delay between the need for additional air supplies and delays caused by having to shuttle cylinders back and forth and allow incident commanders to commit to a more sustained interior fire attack.

Equipment would be purchased to convert our department's current model of self-contained breathing apparatus from belt-mounted pressure regulators to **facemask** mounted regulators. The most cost-effective way to achieve this conversion is to trade in our current backpack frames and regulators for new **facemask** mounted regulator units. This relates to a cost of approximately \$1,400 per unit. As we would be converting 48 SCBA, this cost would be \$67,200. Conversion of our 78 existing facemasks will cost approximately \$60 per, for a total of \$4,680. Total expenditures for conversion are \$71,880.

Total equipment expenses for this project are \$96,380.

***Please explain why this program would be beneficial to your community and/or to your department.***

Any program **that** would improve firefighter safety is beneficial to a fire department. Conversion of breathing apparatus to a **facemask** mounted regulator configuration eliminates a major safety concern involving our current SCBA. The low pressure breathing tube on our current SCBA runs from the waist mounted pressure regulator to the facemask. During operations where firefighters may be crawling through a structure, this low pressure tube can easily become entangled in debris and, in many instances, actually be knelt upon by the wearer, sometimes pulling the mask out of position, exposing the firefighter to the contaminated atmosphere. Our records show that this problem has occurred three times during training evolutions in the last eighteen months within our department. The portable cascade will eliminate delays that occur when SCBA cylinders must be transported from an emergency scene to a fire station for refill, then returned to the scene. Extended duration SCBA are essential for hazardous materials incidents. With 30-minute units, often there is not sufficient time for personnel to don all necessary personal protective equipment, enter the hot zone, perform their assigned tasks, and return to and be processed through the decontamination area with any safety margin.

This equipment would greatly enhance the safety of firefighters in circumstances during which they most need protection. This equipment would enhance the safety of the entire community as our firefighters would perform more efficiently and effectively.

***Please explain why this project cannot be funded solely through local funding.***

The College Station Fire Department has just completed an updated Fire Protection Master Plan. This Master Plan has been adopted by the City Council and will serve as the guiding tool for all major budgetary decisions regarding the Fire Department for the next 12 years. The need for additional fire stations,

apparatus, and firefighters are so great that, along with fiscal constraints placed upon the city administration by the local citizenry, funding for a project such as this will not be available.

*Please provide any additional relevant information that you would like us to consider when evaluating your application.*

Our department is the primary hazardous materials incident response provider for the entire Brazos County. We provide this service not only to the citizens of College Station, but also to the area served by the City of Bryan Fire Department under an automatic aid agreement, and to four volunteer departments serving the unincorporated areas of Brazos County under mutual aid agreements. This represents a total population of approximately 150,000 residents. We have, upon request, provided hazardous materials emergency response to members of the local Council of Governments, such as Burleson, Grimes, and Robertson counties. In addition, we provide hazardous materials and **fire** suppression response (without funding or compensation) to the main campus of Texas A&M University, which has a student enrollment of 45,000 and a daily workforce in excess of 10,000.